Page 1 of 8



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/658,835C

DATE: 06/28/2002 TIME: 11:08:48

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      .1
              Gilliam, Jacob T.
      5
              Maddox, Joyce R.
              Rao, Aragula Gururaj
              Crasta, Oswald R.
              Folkerts, Otto
     10 -: 120 - TITLE OF INVENTION: Amino Polyol Amine Oxidase Polynucleotides and Related
Polypeptides and
              Methods of Use
     13 -: 130 - FILE REFERENCE: 1134R
     15 <140 > CURRENT APPLICATION NUMBER: US 09/658,835C
     16 -: 141> CURRENT FILING DATE: 2000-09-08
     18 -: 150 - PRIOR APPLICATION NUMBER: US 60/092,936
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     22 <151> PRIOR FILING DATE: 1999-05-21
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     25 +151> PRIOR FILING DATE: 1999-07-12
                                                                              JUL U d 2002
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                                                                                240
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RAW SEQUENCE LISTING

DATE: 06/28/2002 PATENT APPLICATION: US/09/658,835C TIME: 11:08:48

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113 1 5 10 15 15 115 gag acg gca cgc aaa gtc cag gcc gcc ggt ctg tcc tgc ctc gtt ctt	96													
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117 20 25 30														
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121 35 40 45 123 ccc ggc agg acg act atc aac gac ctc ggc gct gcg tgg atc aat gac	192													
124 Pro Gly Arg Thr Thr Ile Asn Asp Leu Gly Ala Ala Trp Ile Asn Asp														
125 50 55 60														
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136 GIV THE THE THE ALL PLO TYL GIV ASP SEL LIEU LEU SEL GIU GIU														

RAW SEQUENCE LISTING

DATE: 06/28/2002 PATENT APPLICATION: US/09/658,835C TIME: 11:08:48

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Output Set: N:\CRF3\06282002\I658835C.raw

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144	Glu	Glu	His	Ser	Leu	Gln	Asp	Len	Lys	Ala	Ser	Pro	Gln	Ala	Lys	Arg	
145		130					135					140					
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	145					150					155					160	
	cct	-					-										528
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153					165					170					175		
	gtg																576
156	V-a l	Glu	Ala		Glu	ΙÌ℮	Ser	M⊝t		Phe	Leu	Thr	Asp		lle	Lys	
157				180					185					190			
	agt																624
	ser	Ala		GLY	Leu	Ser	Asn		Phe	ser	Asp	Lys		Asp	Gly	GLY	
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	Ser	Lys	GLu	Leu	Val		GLY	Ser	Val	H1S		Asn	Thr	Pro	vaı		
	225					230					235					240	760
	gaa																768
	Glu	rre	GIU	GLII		Ald	ser	$OT\lambda$	CYS	250	V d.L	AIG	sei	Ата	255	GTÅ	
173	~~~	~+~	++0	0.70	245	222	2.20	.a. + .a.	t		+.~~	t t a	202	2.02		+ + a	816
	gcc Ala																010
177	Ala	vai	Phe	260	Set	пуз	пуз	val	265	vai	ser	пеп	PIO	270	1111	Lea	
	tat	000	200		2/22	+++	tca	cca		att	ccc	aca	aaa		caa	aca	864
	Tyr																001
181	111	110	275	no a	1,111	1 11.5	0.01	280	110	LC.4	11.5		285	$L_I U$	0111	71.20	
	ttg	aca		aat	tet	atc	cta		tac	tat	age	aaa		atc	ttc	σta	912
	Leu																312
185	Lou	290	3.20	11011	001	110	295	3.21	- 1	- 1 -	001	300					
	tgg		aao	cca	t.aa	t.aa		gaa	caa	aac	t.t.c		aac	atc	ctc	caa	960
	Trp	_	_	_			-	-									
	305	1	1		1.	310	5			- 1	315		.1			320	
	tcg	age	tat	gac	ada		t.ca	ttt	qcc	aga	gat	acc	age	atc	gac	gtc	1008
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193			•		325					330	-				335		
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RAW SEQUENCE LISTING

DATE: 06/28/2002 PATENT APPLICATION: US/09/658,835C TIME: 11:08:48

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								Trp									
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211	get	ecg	agc	gcc	gtc	tat	ggg	ctg	aac	gat.	ctc	ate	aca	ctg	ggt	tcg	1248
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21.3					405					410					415		
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216	Alā	Leu	Arg	Thr	Pro	Phe	Lys	ser	Val	His	Phe	Val	Gly	Thr	G1u	Thr	
.:17				420					425					4 3 0			
								atg									1344
220	S∺r	Leu	Val	Trp	Lys	Gly	Гуг	Met	Glu	Gly	Ala	Hle		ser	Gly	Gln	
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								get							tag		1389
	Arg		Ala	Ala	Glu	Val		Ala	Ser	ГĠй	Val		Ala	A.La			
225		450					455					460					
	-(21)																
	-1211				52												
	-<1.2 l.2				F1	. 1			c								
						onia.	La S	pinii	rera								
	<400					1/0.1	1/2.1	17:51	37 - 1	01	7 1 5	(2)	Τ	Cor	<i>(</i> 21	Lou	
	_	ASII	vai	Ala	ASP	Val	Val	Val	Val	10	Ala	ıΣΤΑ	Leu	Ser	15	Leu	
236 220		Thr	λla	λκα	Tuc	Wal	aln	Ala	λla		Lou	Sar	Circ	Len		Τωu	
240	ערני	1 11.1	АТа	20	п/э	vai	וודני	Ald	25	נדני	ьец	Ser	12/3	30	v a.r	.L.C.u	
	Glu	Δla	Met		Ara	Va 1	Glv	Gly		Thr	Leu	Ser	Va 1		Ser	Glv	
244	JIU	nia	35	пър	1119	· u i	511	40	LIJ	1111	БСС	001	45	0.2.11	001	3-1	
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	val.	Glu	Ala		Glu	11e	ser	Met		Pne	ьeu	Inr	Asp		TTe	гàг	
280	0	n 1 -	m b	180	T	Cor	N ~ ~	rl -	185	C .~ ~	A ~ ~	T	T	190	(21	17.1 ***	
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284	a1	П~	195	λκα	Cara	Tvc	Th.∽	200 Gly	M.>+	(21 n	Cor	т1.		uic	λlэ	Mot	
20/	GIII	T À T.	met	ATY	Cys	пуБ	T 111T.	ату	MEL	GIII	261	тте	Cys	птъ	мта	IJC C	

RAW SEQUENCE LISTING DATE: 06/28/2002 PATENT APPLICATION: US/09/658,835C TIME: 11:08:48

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		He	Glu	Gln	Sar		Sar	Glv	Cvs	Thr		Ara	Ser	Ala	Ser	
296	O L. I		JIU	SJ.LTI	245	11114	C/ I	3.2.1	010	250	741	111 9	O.C.I.	1114	255	Cly
	ΔLa	V.a.1	Phe	Ara		Lve	Lug	Val	Val		Sar	Lon	Pro	Thr		Len
300	MIM	V 12 1	inc	260	551	гуз	пşэ	V CL II.	265	vai	Set	ьеи	FLO	270	1 11.1	ъса
	Tur	Dro	ľhr		Thr	Dha	Car	Dro		Lon	Dro	λla	clo		Cln	λla
304	1 / 1	110	275	TIVEG	1 111	r III-5	DI.S.L	280	rio	пеа	FIO	Ala	285	пуэ	'.J 1.11	nia
	Lan	Δla	Glu	Aen	Sar	Ιlω	Lan		Tur	Trans	Sar	Luc		Val	Dha	Val
308	101.11	190	·3 ‡ (1	USIL	ונים	110	295	.J.L.Y	1 / 1	тут	361	300	1.1.	V CL 1.	1 1112.	Vai
	Ten		Lys	Droo	Trn	Trn		aln	G1n	C1v	Dha		alv	Val	Lau	Cln
	305	пэр	Lys	E ± \./	пр	310	Arg	3.1.0	GIII	этү	315	DG1	,3 T Å	vai	neu	320
		Sar	Cys	A cr.	Dro		Sar	Dha	Δla	Ara		Thr	Sor	тlс	Aen	
316	Ser	.//СТ	· y S	uok,	325	11.2	J11	EIIC	ALG	330	лэр	1311.	261	TIC	335	vai.
	Nan	Ara	Gln	Thru		Πla	The	CVC	Dho		Val	C1 v	Acr	Dro		Ara
310	дар	nig	.3 1.11	340	0.51	11.5	1.111	CYS	345	ricc	VUI	O.L.Y	лэр	350	. J I Y	Arg
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324	п; э	: r Þ	355	0111	GIII	201	Lys	360	vai	Arg	GIII	гур	365	vai	ırF,	ASP
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328	GIII	370	nig	ALG	A.La	1 7 1	375	ASII	Ala	эту	Ата	380	Val	PIO	עדע	FIO
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		Pro	Ser	Δla	Val		Glv	T.eu	Δen	Δsn		Tle	Thr	Len	G15:	
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48

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/658,835C

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## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the  $\langle 220 \rangle$  to  $\langle 223 \rangle$  fields of each sequence which presents at least one n or Xaa.

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Seq#:39; N Fos. 649
Seq#:40; Xaa Pos. 216